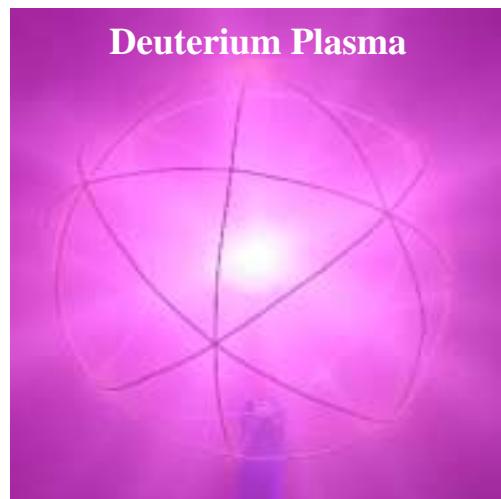


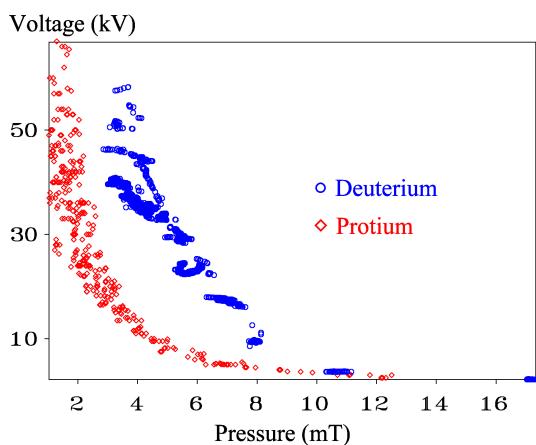
# Inertial Electrostatic Confinement (IEC)

IEC is a technique used in the PRC laboratory to create spherical plasmas with radial ion flow. It is of interest in:

- Basic Research
- Nuclear Fusion
- Electric Propulsion



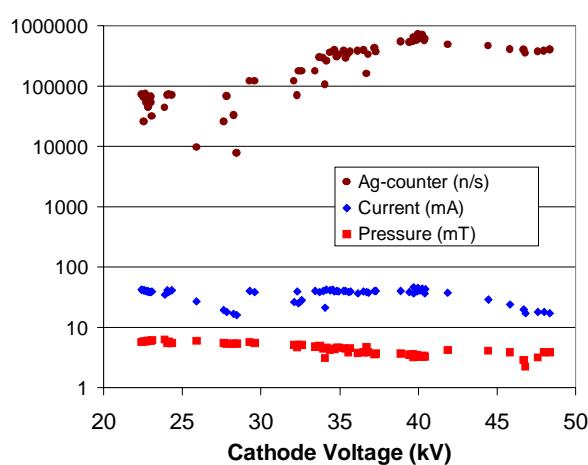
Paschen Breakdown



PRC IEC Facility



Deuterium Fusion Neutrons ( $10^6/\text{sec}$ )



IEC Hydrogen Spectrum

